

**ABSTRACT OF THE DISCLOSURE**

A tube plug kit including a tube plug having a housing member and a locking member, the housing member having a smooth longitudinal bore communicating with a threaded portion, the locking member mounted on the housing member. An insert member having a first threaded end portion is received within the threaded portion of the bore, an enlarged portion positioned to be drawn within the smooth portion of the longitudinal bore in response to rotation of the insert member in the longitudinal bore and a drive portion configured to receive a torque applying tool in a rotationally driving manner. A torque limiting region is located in the insert member to limit an amount of torque the drive portion can transmit to the first threaded end portion.